

## EAST Search History

| Ref # | Hits | Search Query                | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------------|---|------------------|---------|------------------|
| L1    | 332  | 717/154.ccls.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/07 07:56 |
| L2    | 125  | 717/155.ccls.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/07 07:56 |
| L3    | 174  | 717/156.ccls.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/07 07:56 |
| L4    | 288  | 717/159.ccls.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/07 07:57 |
| L5    | 544  | 712/244.ccls.               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/07 07:57 |
| S1    | 2    | "20040243982".pn.           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/07 07:55 |
| S2    | 2    | down-safe\$2 and up-safe\$2 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/02 16:00 |
| S3    | 417  | busyness                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/02 16:00 |
| S4    | 85   | S3 and availability         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/02 16:10 |

(EBK)

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S5  | 0    | very adj1 busyness  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/02 16:00 |
| S6  | 7    | anticipatability  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/02 16:10 |
| S7  | 3    | anticipatability and availability                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/02 16:12 |
| S8  | 5    | (anticipatability anticipability) and availability            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/02 16:12 |
| S9  | 1975 | (exception EH E-H) with stack                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/03 12:08 |
| S10 | 2    | (exception EH E-H) with stack and partial with redundancy     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/03 12:09 |
| S11 | 4    | (exception EH E-H) with stack and eliminat\$3 with redundancy | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 11:30 |
| S12 | 27   | speculative with code adj1 motion                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/04 11:30 |

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"down safety" "code motion" speculative

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**Web** Results 1 - 10 of about 18 for "**down safety**" "**code motion**" **speculative** with **Safesearch on**. (0.53 seconds)

### An Overview of the Intel IA-64 Compile

There are two aspects to **down-safety**. The first is that an unsafe insertion may create an ...  
The insertion of \*q is done using a **speculative** load, ...  
[developer.intel.com/technology/itj/q41999/articles/art\\_1j.htm](http://developer.intel.com/technology/itj/q41999/articles/art_1j.htm)

### [PS] Code Optimization as a Side Effect of Instruction Scheduling ...

File Format: Adobe PostScript - [View as HTML](#)

Knoop's algorithm cannot perform **speculative code motion**. ... **Down-Safety** Analysis: In this step all program points to which expression e can be hoisted ...  
[www.cs.arizona.edu/people/gupta/research/Publications/Comp/hipc97.ps](http://www.cs.arizona.edu/people/gupta/research/Publications/Comp/hipc97.ps)

### [PS] Resource-Sensitive Prole-Directed Data Flow Analysis for Code ...

File Format: Adobe PostScript - [View as Text](#)

we use next is a modification of the **code motion** frame-. work developed by Knoop et al.  
[17]. PRE is performed in two steps: **down-safety** analysis which de- ...  
[www.cs.arizona.edu/~gupta/research/Publications/Comp/micro30.ps](http://www.cs.arizona.edu/~gupta/research/Publications/Comp/micro30.ps)

### Seminaire on Optimization

Use threads for **speculative** execution of branches. Kill other branch as soon ... lazy **code motion** plus code-size awareness. Computing **down-safety** closure. ...  
[www.ida.liu.se/~uweas/travelreports/dagstuhl-optimization-sep00.html](http://www.ida.liu.se/~uweas/travelreports/dagstuhl-optimization-sep00.html)

### Citations: Partial Dead Code Elimination - Knoop, Ruthing, Steffen ...

Using conservative **code motion** all opportunities for PDE cannot be exploited. ... a run time program profile is used [GBF98] A **speculative** PRE was also ...  
[citeseer.ist.psu.edu/context/100646/180943](http://citeseer.ist.psu.edu/context/100646/180943)

### [PDF] Load Elimination in the Presence of Side Effects, Concurrency and ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

with **speculative code motion** and compensation code that is executed in the ... In the original algorithm, **down-safety** is a sufficient criterion for the ...  
[www.inf.ethz.ch/personal/florian/LCPC\\_2003.pdf](http://www.inf.ethz.ch/personal/florian/LCPC_2003.pdf)



### Optimizing code based on resource sensitive hoisting and sinking ...

A modified busy **code motion** framework is developed that incorporates ... In order to achieve beneficial **speculative** movement of expressions across loop ...  
[www.freepatentsonline.com/6044221.html](http://www.freepatentsonline.com/6044221.html)

### [PDF] An Overview of the Intel® IA-64 Compiler

File Format: PDF/Adobe Acrobat - [View as HTML](#)

**speculative** load, and a check instruction is added in place. of the redundant load. ... to as P-ready **code motion**. An instruction is duplicated ...  
[peak.ecn.purdue.edu/ParaMount/papers/compiler.pdf](http://peak.ecn.purdue.edu/ParaMount/papers/compiler.pdf)

### [PDF] Code Optimization As A Side Effect Of Instruction Scheduling ...

File Format: PDF/Adobe Acrobat

algorithm to allow **speculative code motion**. How- ... The equations for computing **down-safety** are given ... **down-safety** analysis the expression x ...  
[ieeexplore.ieee.org/iel3/5020/13768/00634517.pdf?arnumber=634517](http://ieeexplore.ieee.org/iel3/5020/13768/00634517.pdf?arnumber=634517)